Copic



Docket No.: 0033-0682P

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of:

Masafumi YAMANOUE et al.

Patent No.: 6,907,407B1

Issued: June 14, 2005

For: COPYRIGHT MANAGEMENT APPARATUS,

ELECTRONIC COPYRIGHTED WORK

SALES APPARATUS, ELECTRONIC BOOK

DISPLAY APPARATUS, KEY INFORMATION MANAGEMENT APPARATUS, AND ELECTRONIC... Certificate

JAN 1 7 2006

of Correction

REQUEST FOR CERTIFICATE OF CORRECTION PURSUANT TO 37 CFR 1.322

Attention: Certificate of Correction Branch Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Upon reviewing the above-identified patent, Patentee noted errors which should be corrected. These errors occurred because an Examiner's Amendment was not printed.

In the Claims:

The following Claims 1, 3, 4, 10, 11, 13, and 17 have been amended as set out below. In accordance with MPEP 1485, the column and line numbers of the changes are identified on the attached PTO/SB/44.

1. An electronic copyrighted work sales apparatus comprising: a communication unit carrying out data communication with an external source,

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- a user interface for a user to select desired contents,
- a storage unit storing contents of an electronic book and $\underline{3}$ a contents identifier in correspondence,

a communication port to which a user identifier is input, and

- a processing unit extracting from said storage unit a contents identifier corresponding to the contents selected by said user interface, causing said communication unit to transmit said contents identifier and the user identifier input through said communication port to said external source, and providing in a pair auxiliary information to display contents received by said communication unit, wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier and the contents of an electronic book selected by said user interface.
 - 3. A key information management apparatus comprising:
- a first storage unit storing in correspondence a contents identifier corresponding to contents of an electronic book and a contents key,
 - a second storage unit storing in correspondence a user identifier and a user key, and
- a processing unit referring to said first storage unit and said second storage unit to extract a contents key and a user key according to a specified contents identifier and user identifier, and generating auxiliary information to display contents from said extracted contents key and user key, wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier.
 - 4. An electronic book display apparatus comprising,
- an input unit to enter auxiliary information to display contents and encoded contents of an electronic book.
- a processing unit generating a contents key from the auxiliary information input by said input unit and a prestored user key, and reproducing encoded contents input by said input unit using said contents key, wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier, and
 - a display unit displaying the contents reproduced by said processing unit.

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10. An electronic copyrighted work distribution management system comprising: an electronic copyrighted work sales apparatus selling an electronic book,

a key information management apparatus administering key information of an electronic book that is to be sold by said electronic copyrighted work sales apparatus, and

an electronic book display apparatus reproducing and displaying an electronic book sold by said electronic copyrighted work sales apparatus,

wherein said electronic copyrighted work sales apparatus includes

- a user interface for a user to select desired contents,
- a first storage unit storing in correspondence contents of an electronic book and a contents identifier,
 - a communication port to which a user identifier is input, and
- a first processing unit extracting from said first storage unit a contents identifier corresponding to the contents selected by said user interface, and providing auxiliary information to display contents and contents of an electronic book selected by said user interface in a pair, wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier,

wherein said key information management apparatus includes

- a second storage unit storing in correspondence a contents identifier and a contents key corresponding to contents of an electronic book,
 - a third storage unit storing in correspondence a user identifier and a user key, and
- a second processing unit referring to said second storage unit and said third storage unit to extract a contents key and user key according to the contents identifier extracted by said first processing unit and a user identifier, and generating auxiliary information to display said contents from said extracted contents key and user key,

wherein said electronic book display apparatus includes

- an input unit to input auxiliary information to display said contents and contents of an electronic book.
- a third processing unit generating a contents key from auxiliary information input by said input unit and a prestored user key, and reproducing contents input through said input unit using said contents key, and
 - a display unit displaying the contents reproduced by said third processing unit.
- 11. An electronic copyrighted work sales apparatus comprising a processing unit generating and adding to electronic book data auxiliary information according to the electronic book data and an input user identifier, wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier.
 - 13. An electronic book display apparatus comprising:
- a first processing unit generating auxiliary information according to electronic book data and a user identifier, and comparing said generated auxiliary information and auxiliary information added to said electronic book data, wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier, and

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a reproduction processing unit determining a reproduction processing method of contents according to a comparison result by said first processing unit and reproducing the contents.

17. (Canceled)

This error occurred because the U.S. Patent and Trademark Office did not print the Examiner's Amendment, a copy of which is enclosed. In that Amendment, Claims 11, 13, 14, 20, 21, 23, and 27 were amended. These claims appear in the patent as claims 1, 3, 4, 10, 11, 13, and 17. Also, in the Examiner's Amendment, additional art was made of record. To correct these errors, a Certificate of Correction form is enclosed.

Also, in the Certificate of Correction, enter the prior art, not previously entered in the record of the patent, in the proper place on the patent. That prior art appears on page 7 of the Examiner's Amendment and is set out on the attached PTO/SB/44.

The errors were not in the application as filed by applicant; accordingly no fee is required.

Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

Dated: January 11, 2006

Respectfully submitted

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UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

Fax Cover Sheet

To: Elliot Goldberg	From: Jalatee Worjich	
Application/Control Number: 09/720,791	Art Unit: 3621	
Fax No.: 703-205-8050	Phone No.: (571) 272-6714	
Voice No.: (703) 205-8000	Return Fax No.: (571) 273-8300	
Res Copy of Interview Summary/amendment	CC:	
Urgent For Review For Comm	ent For Reply Per Your Request	
Comments: Attached is a copy of the Interview Summary and Exa	miner's Amendment. Column	

Number of pages $\stackrel{\bigcirc}{\underline{\mathcal{D}}}$ including this page

STATEMENT OF CONFIDENTIALITY

This facsimile transmission is an Official U.S. Government document which may contain information which is privileged and confidential. It is intended only for use of the recipient named above. If you are not the intended recipient, any dissemination, distribution or copyling of this document is strictly prohibited. If this document is received in error, you are requested to immediately notify the sender at the above indicated telephone number and return the entire document in an envelope addressed to:

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

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& TRAMENSA

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record A complete written statement as to the substance of any face-to-face, video conference, or tolephone interview with regard to an application must be application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of Interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of Interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the Interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted.
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
 - (The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the Interview along with the date and the examiner's initials.

JAN 18 2006

Interview Summary	Application No.	Applicant(s)
	09/720,791	YAMANOUE ET AL.
	Examiner	Art Unit
	Jalatee Worjloh	3621
All participants (applicant, applicant's representative, PT	O personnel):	
(1) <u>Jalatee Worlloh</u> .	(3)	
(2) <u>Elliot Goldberg</u> .	(4)	
Date of Interview: 22 February 2005.	•	
Type: a) ☐ Telephonic b) ☐ Video Conference c) ☐ Personal [copy given to: 1) ☐ applicant	2) applicant's represe	ntative]
Exhibit shown or demonstration conducted: d) ☐ Yes If Yes, brief description:	e) <u></u> No.	
Claim(s) discussed: 20,21 and 27.		
Identification of prior art discussed:		
Agreement with respect to the claims f) was reached.	g) was not reached. I	n)□ N/A.
Substance of Interview Including description of the general reached, or any other comments: <u>Applicant's representation and 27</u> . Thereby, Claims 20 and 21 were amended to include of the electronic book's header and content encryption.	ve approved the examine lude the detail "wherein the ed with the user identifier	r's amendment of claims 20, 21 he auxiliary information is the hash " and claim 27 canceled.
(A fuller description, if necessary, and a copy of the amen allowable, if available, must be attached. Also, where no allowable is available, a summary thereof must be attached.	copy of the amendments:	er agreed would render the claims that would render the claims
THE FORMAL WRITTEN REPLY TO THE LAST OFFICE A INTERVIEW. (See MPEP Section 713.04). If a reply to the GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR FORM, WHICHEVER IS LATER, TO FILE A STATEMENT Summary of Record of Interview requirements on reverse s	e last Office action has all THE MAILING DATE OF OF THE SUBSTANCE O	ready been filed, APPLICANT IS THIS INTERVIEW SUMMARY OF THE INTERVIEW See
·		
·		
	•	
Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.	Examiner's	signature, if required

U.S. Patent and Trademark Office PTOL-413 (Rev. 04-03)

Interview Summary

Paper No. 09082004

Application/Control Number: 09/720,791

Art Unit: 3621



EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for the examiner's amendment of claims 11,13,14 and 23 was given in a telephone interview with Elliot Goldberg (reg. No. 33347) on October 21,2004 (authorization was given via voice messaging on 10/25/2004), and authorization for the amendment of claims 20, 21 and 27 was given on February 22, 2005.

The application has been amended as follows:

Claim 11. (Currently Amended) An electronic copyrighted work sales apparatus comprising:

a communication unit carrying out data communication with an external source,

a user interface for a user to select desired contents,

a storage unit storing contents of an electronic book and a contents identifier in correspondence,

a communication port to which a user identifier is input, and

a processing unit extracting from said storage unit a contents identifier corresponding to the contents selected by said user interface causing said communication unit to transmit said contents identifier and the user identifier input through said communication port to said external source, and providing in a pair auxiliary information to display contents received by said

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Application/Control Number: 09/720,791

Art Unit: 3621

beader and content encrypted with the user identifier and the contents of an electronic book selected by said user interface.

Claim 13. (Currently Amended) A key information management apparatus comprising:

a first storage unit storing in correspondence a contents identifier corresponding to contents of an electronic book and a contents key,

a second storage unit storing in correspondence a user identifier and a user key, and a processing unit referring to said first storage unit and said second storage unit to extract a contents key and a user key according to a specified contents identifier and user identifier, and generating auxiliary information to display contents from said extracted contents key and user key, wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier.

Claim 14. (Currently Amended) An electronic book display apparatus comprising, an input unit to enter auxiliary information to display contents and encoded contents of an electronic book,

a processing unit generating a contents key from the auxiliary information input by said input unit and a prestored user key, and reproducing encoded contents input by said input unit using said contents key, wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier, and

a display unit displaying the contents reproduced by said processing unit.

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Claim 20. (Currently Amended) An electronic copyrighted work distribution management system comprising:

an electronic copyrighted work sales apparatus selling an electronic book,

a key information management apparatus administering key information of an electronic book that is to be sold by said electronic copyrighted work sales apparatus, and

an electronic book display apparatus reproducing and displaying an electronic book sold by said electronic copyrighted work sales apparatus,

wherein said electronic copyrighted work sales apparatus includes

- a user interface for a user to select desired contents,
- a first storage unit storing in correspondence contents of an electronic book and a contents identifier,
 - a communication port to which a user identifier is input, and
- a first processing unit extracting from said first storage unit a contents identifier corresponding to the contents selected by said user interface, and providing auxiliary information to display contents and contents of an electronic book selected by said user interface in a pair, wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier,

wherein said key information management apparatus includes

- a second storage unit storing in correspondence a contents identifier and a contents key corresponding to contents of an electronic book,
 - a third storage unit storing in correspondence a user identifier and a user key, and

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a second processing unit referring to said second storage unit and said third storage unit to extract a contents key and user key according to the contents identifier extracted by said first processing unit and a user identifier, and generating auxiliary information to display said contents from said extracted contents key and user key,

wherein said electronic book display apparatus includes

an input unit to input auxiliary information to display said contents and contents of an electronic book.

a third processing unit generating a contents key from auxiliary information input by said input unit and a prestored user key, and reproducing contents input through said input unit using said contents key, and

a display unit displaying the contents reproduced by said third processing unit.

Claim 21. (Currently Amended) An electronic copyrighted work sales apparatus comprising a processing unit generating and adding to electronic book data auxiliary information according to the electronic book data and an input user identifier, wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier.

Claim 23. (Currently Amended) An electronic book display apparatus comprising:

a first processing unit generating auxiliary information according to electronic book data and a user identifier, and comparing said generated auxiliary information and auxiliary information added to said electronic book data, wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier, and

a reproduction processing unit determining a reproduction processing method of contents according to a comparison result by said first processing unit and reproducing the contents.

Claim 27 (canceled).

Reason for Allowance

- 2. Claims 11-26 are allowed.
- 3. The following is an examiner's statement of reasons for allowance:

The closest prior art of record is U.S. Patent No. 5832083 to Iwayama et al.

Iwayama et al. disclose a data content utilizing device that allows a user to select desire content, a medium for storing encoded data contents and encoded content identification information, a data loading section that retrieves encoded data contents and the encoded content identification information corresponding to the content identification and an information converting section that outputs electronic content selected by the user. Iwayama et al. taken either individually or in combination with other prior art of record fails to teach or suggest providing in a pair auxiliary information to display content received by said communication unit as recited in independent claims 11 and 20; generating auxiliary information to display contents from said extracted contents key and user key as recited in independent claim 13; generating a contents key from the auxiliary information input by said input unit as recited in independent claims 14 and generating auxiliary information according to electronic book data and a user identifier as recited in independent claims 21 and 23. Notice. As recited in independent claims 11, 13, 14, 20, 21 and 23, auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

- 4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
 - US Patent No. 6560651 to Katz et al. disclose a computer network based digital
 information library system employing authentication and encryption protocols from
 secure transfer of digital information library programs to ac client computer system and a
 mobile digital information playback device.
 - "Book on the World Wide Web: Issues and Trends" discloses the problems and benefits of electronic books and challenges in the electronic environment.
 - "Five advantages of electronic books" by Griffith outlines the benefits of electronic books.
 - US Patent No. 6233684 to Stefik et al. discloses a system for controlling the distribution and use of rendered digital works through watermarking.
 - US Patent No. 5586235 to Kauffman discloses an interactive multimedia system.
 - US Patent No. 5524201 to Shwarts et al. discloses a method of preparing an electronic book for computer systems.

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Art Unit: 3621

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jalatee Worjloh whose telephone number is 703-305-0057. The examiner can normally be reached on Mondays-Thursdays 8:30 - 7:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on 703-305-9768. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306 for Regular and After Final Actions and 703-746-9443 for Non-Official/Draft.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
PO Box 1450
Alexandria, VA 22313-1450

Hand delivered responses should be brought to Crystal Park 5, 2451 Crystal Drive, Arlington, V.A., Seventh floor receptionist.

February 22, 2005

(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page _1_ of _1_

PATENT NO.

6,907,407B1

APPLICATION NO.

09/720,791

ISSUE DATE

June 14, 2005

INVENTOR(S)

Masafumi YAMANOUE et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the face of the patent, item (56), please add the following prior art of record:

6.233.684 B1 5/2001 Stefik et al. 5,586,235 A 12/1996 Kauffman 5,524,201 A 6/1996 Shwarts et al.

In the Claims:

Claim 1, line 17, after "unit," insert --, wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier--;

Claim 3, line 12, after "key" insert --, wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier--;

Claim 4, line 7, after "key," insert --wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier,--;

Claim 10, line 23, after "pair," insert --wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier,--;

Claim 11, line 4, after "identifier" insert --, wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier--;

Claim 13, line 6, after "data," insert --wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier,--;

Claim 17, please delete this claim in its entirety.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

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JAN 18 2006

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(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page <u>1</u> of <u>1</u>

PATENT NO.

6,907,407B1

APPLICATION NO.

09/720,791

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6,233,684 B1 5/2001 Stefik et al. 5,586,235 A 12/1996 Kauffman 5.524,201 A 6/1996 Shwarts et al.

In the Claims:

Claim 1, line 17, after "unit," insert --, wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier--;

Claim 3, line 12, after "key" insert --, wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier--;

Claim 4, line 7, after "key," insert --wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier,--;

Claim 10, line 23, after "pair," insert --wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier,--;

Claim 11, line 4, after "identifier" insert --, wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier--;

Claim 13, line 6, after "data," insert --wherein the auxiliary information is the hash value of the electronic book's header and content encrypted with the user identifier .--;

Claim 17, please delete this claim in its entirety.

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JAN 18 2006